Mountain Weather Forecast

Lake District National Park

Forecast valid from 00:00 on Monday 12 Dec 2022 until 23:59 on Tuesday 13 Dec 2022

Forecast Issued on Sunday 11 Dec 2022 at 11:25

Confidence: High becoming Low for any snow details from Wednesday.

Headline for Monday 12 Dec 2022: Dry, cold and mainly sunny or clear.

Mountain weather hazards on Monday 12 Dec 2022

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** No Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 800m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Clear night	Clear night	Clear night	Sunny	Sunny	Sunny	Clear night	Clear night
Precipitation probability							
00%	00%	00%	00%	00%	00%	00%	00%

Forecast for Monday 12 Dec 2022

Weather: Some patchy mist or freezing fog possible in the valleys, which will be slow to clear. Otherwise dry and sunny or clear. Cold with a frost in most areas throughout, but lifting in any sunshine around the middle of the day.

Chance of cloud-free hill tops above 800m: 95% or more.

Low cloud and visibility: No significant cloud. Visibility good or very good, except in any mist or freezing fog.

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Met Office Mountain Weather Forecast

Forecast for Monday 12 Dec 2022

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	4/5 SE	4/6 SE	7/9 SE	7/10 SE	6/9 SE	7/10 SE	8/11 SE	9/12 SE	8/10 E
600	3/5 SE	4/5 S	5/8 S	6/9 SE	5/8 SE	6/9 SE	7/10 SE	7/10 E	5/8 E
300	4/6 SE	3/5 SE	4/7 SE	4/8 SE	3/7 SE	2/6 SE	3/8 SE	3/7 SE	3/6 E
Valley	2/6 E	3/5 E	3/7 E	3/8 E	4/8 E	3/7 E	3/8 E	4/8 NE	3/7 NE

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	-5/-7	-5/-8	-4/-9	-5/-9	-4/-8	-4/-8	-5/-10	-5/-10	-5/-10
600	-3/-6	-3/-6	-3/-6	-3/-7	-2/-5	-3/-6	-4/-7	-4/-8	-4/-7
300	-3/-5	-3/-5	-2/-5	-2/-5	-0/-2	-2/-3	-2/-5	-3/-5	-2/-4
Valley	-1/-4	-1/-3	-1/-3	-1/-3	1/-1	0/-2	-1/-3	-1/-3	-1/-3
Freezing Level*	100m	100m	100m	100m	200m	100m	00m	00m	00m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

A cold, but lovely winters day. All surfaces will be frozen, except where they catch the sun for a few hours.

Forecast for Tuesday 13 Dec 2022

Weather: Some patchy mist or freezing fog possible in the valleys, which will be slow to clear. Otherwise mainly dry and sunny or clear. Cold with a frost in most areas throughout, but lifting in any sunshine around the middle of the day. Small chance of some patchy cloud and a few snow flurries across the Southwestern and Southeastern Fells.

Maximum wind: Variable 10mph.

Chance of cloud-free hill tops above 800m: 90%

Low cloud and visibility: Mainly nil significant, but patches or occasional, base 500m possible in the south. Visibility good or very good, except in any mist, freezing fog, cloud and snow.

Temperature: **Valleys:** Minus 7 Celsius rising to plus 1 Celsius around the middle of the day.
At 800m: Minus 3 to Minus 6
Freezing level: All levels

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Mountain Weather Forecast

Ground Conditions Supplement
Date Sunday 11 December. Location Blencathra summit at 11:15
Temperature minus 3.6 degC. Maximum wind speed 8.0mph. Wind chill minus 8.4 degC. Average wind speed 5.7mph.
Full report. High pressure is now well established over the Lake District giving stable weather conditions which are forecast to last until at least Thursday.
A hard frost overnight with very light winds produced another day of spectacular cloud inversions with light winds and sunshine on the summits and surface hoar crystals developing on the shallow snowpack. Occasionally the cloud rose to shroud the highest summits but generally the boundary was around 200 - 400m.
Many valleys, particularly in the east of the park, remained below the cloud inversion today and the temperature didn't rise above zero in the freezing fog giving grey, cold and icy conditions.
Above the inversion south and west facing slopes which catch the sun continue to thaw during the day but areas that are in the shade have now been deeply frozen for the past few days and feel very wintery.
Generally hill paths were a mixture of dry rock and 2-3cm of fresh snow offering reasonable grip. However there were also some hidden ice patches especially where the snow has been compressed by walkers feet. Microspikes and an ice axe would be a very sensible addition to peoples kit if their route takes them onto steep and exposed terrain such as Sharp Edge or the Helvellyn Edges. Additionally snow covered paths at all altitudes are now becoming slippery where they've seen plenty of foot traffic and microspikes and trekking poles may save you an embarrassing or painful slip.

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Issued at: 1125 on Sun 11 Dec 2022

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